

## REMARKS

Applicant amends independent claims 36 and 40 patentably to distinguish cited art, particularly distinguishing Porat by removing the "therapeutic reservoir" limitation, and also distinguishing Giuffre by specifying more particularly that the simulator of the claimed invention is directed to "systems-biology platform" that automatically integrates target biosensing with in-vivo modeling to simulate the biological target as a whole organism.

Respectfully submitted,



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